PTO/SB/05 (01-04)

Approved for use through 07/31/2006. OMB 0651-0032
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. First Inventor Title

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450		
1. Fee Transmittal Form (e.g., PTO/SB/17)  Submit an original and a duplicate for fee processing)  Applicant claims small entity status.  See 37 CFR 1.27.  3. Descriptive title of the Invention  Cross Reference to Related Applications  Statement Regarding Fed sponsored R & D  Reference to sequence listing, a table, or a computer program listing appendix  Background of the Invention  Brief Summary of the Invention  Brief Description of the Drawings (if filed)  Detailed Description  Claim(s)  Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS		
4. Drawing(s) (35 U.S.C. 113) [Total Sheets]  5. Oath or Declaration	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certifled Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:		
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:			
Prior application information:  Examiner  Art Unit:  For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference, The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
19. CORRESPON	DENCE ADDRESS		
Customer Number: 000041426	OR Correspondence address below		
Name DEBORAH L. MACPHER	.50~		
Address //B DOGWOOD ST			
City VIENNA	State VA Zip Code ZZ180		
Conted Siries	elephone 703 242 9411 Fax 703 242 412		
Name (Print/Type) DEBWAH L. MACDHERS Registration No. (Attorney/Agent)			
Signature \\\ \( \text{\text{\$\lorenth{A}\$	Date MARCH 18 2004		

This collection of information is required by 37 CFR 1.3(6). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



1205

PTO/SB/17 (10-03)

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FEE TRANSMITTAL	<b>-</b> /	Applic	ation I	Numb	er		
for FY 2004	F	Filing	Date		MARCH 18. 2004		
Effective 10/01/2003. Patent fees are subject to annual revision.	F	First N	lamed	Inver	ator DEBOLAH L. MACT	HEIGH	
		Exami	iner Na	ame			
Applicant claims small entity status. See 37 CFR 1.27		Art Un	nit				
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METHOD OF PAYMENT (check all that apply)					CALCULATION (continued)		
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Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804		Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
arge Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
ee Fee Fee Fee Pee Description Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
Code (\$) Code (\$)  1001 770 2001 385 Utility filing fee	1255	2,010	2255		Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 385	1452	110	2452	55	Petition to revive - unavoidable	
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	480	2502		Design issue fee	
Total Claims X = X	1503	640	2503	320	Plant issue fee	
Independent Claims - 3** = X = =	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity   See Fee Fee Fee Fee Fee Fee Fee Fee Fee	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809		Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3					(37 ČFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	

**or number previ	iously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee F	Paid SUBTOTAL (3) (\$)
SUBMITTED BY		(Complete (if applicable))
Name (Print/Type)	DEPORAL LA MACHER Registration No.	Telephone 703 242 941
Signature	MILLES	Date MARCH 18.2004

1802 900 1802

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

900 Request for expedited examination of a design application

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\*\* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)



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CORRESPONDENCE

**ADDRESS:** 

DEBORAH L. MACPHERSON 118 DOGWOOD STREET VIENNA, VA 22180

FAX:

703-242-4127

PHONE:

703-242-9411

E-MAIL:

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